

Quest Rubric No: 4		2	
Objective criteria (0/1, 1=met)	Rating	Max	Comments
Uses PID for speed control for setpoint of [0.1-0.4 m/s]	1.0	1	Very slow. Does not appear to be making speed.
Stops within 10 cm of end	1.0	1	
Drives in center of track +/- 25cm	1.0	1	logical control w.r.t distance error sign; turn 1 degree more everytime
Successfully traverses A-B in one go, no hits or nudges	1.0	1	
Uses console or alpha display to show current position or speed as diagnostic	1.0	1	
Controlled remotely, start and stop	1.0	1	
Investigative question response	0.5	1	Not quantified. Note that you can increase ticks by changing the pattern template.
Total objective criteria		7	7
Qualitative criteria	Rating	Max	Comments
Quality of solution	4	5	Meets specs.
Quality of report.md including use of graphics	2	3	More more graphics into the report please
Quality of code reporting	3	3	
Quality of video presentation	3	3	
Total qualitative criteria		12	14
Quant Weight (75)	70	75	
Qual Weight (25)	21	25	
Total Score	91	100	
Rank (1-5)	3	5	
Comments			
The demo worked well except some challenge when put the car close to the wall since it takes long time to get back to the central line.			